

REPLACEMENT SHEET

8/22

<u>M A G I N G A G P S G A Y F V G H T D P</u>		<u>- R E M L L R A R P L S R Q T R E W V A</u> Majority	
10	20	70	80
1 MAGI N R A G P S G A Y F V G H T D P DC3000	61 G R E R L S R S T A L S R Q T R E W L E DC3000		
1 MAGI N G A G P S G A Y F V G H T D P T1	57 - R E M L L R A R P L S R Q T R E W V A T1		
1 MAGI N G A G P S G A Y F V G H T D P PT23	57 - R E M L L R A R P L S R Q T R E W V A PT23		
1 MAGI N G A G P S G A Y F V G H T D P JL1065	57 - R E M L L R A R P L S R Q T R E W V A JL1065		
<u>E P A S S G G A H G S S S G A S S S N S P</u>		<u>Q G M P P T A E A G V P I R P Q E S A E</u> Majority	
30	40	90	100
21 E P V S G Q A H G S G S G A S S S N S P DC3000	81 Q G M P T A E D A S V R R P Q V T A D DC3000		
21 E P A S G G A H G S S S G A R S S N S P T1	76 Q G M P P T A E A G V P I R P Q E S A E T1		
21 E P A S G G A H G S S S G A S S S N S P PT23	76 Q G M P P T A E A G V P I R P Q E S A E PT23		
21 E P A S G G A H G S S S G A S S S N S P JL1065	76 Q G M P P T A E A G V P I R P Q E S A E JL1065		
<u>R L - P A P P D A P A S Q A R D R - -</u>		<u>A A A P Q A R A E E R H T P E A D A A A</u> Majority	
50	60	110	120
41 Q V Q P R P S N T P P S N A P A P P T DC3000	101 A A T P - - R A E A R R T P E A T A D A DC3000		
41 R L - P A P P D A P A S Q A R D R - - - T1	96 A A A P Q A R A E E R H T P E A D A A A T1		
41 R L - P A P P D A P A S Q A R D R - - - PT23	96 A A A P Q A R A E E R H T P E A D A A A PT23		
41 R L - P A P P D A P A S Q A R D R - - - JL1065	96 A A A P Q A R A E E R H T P E A D A A A JL1065		

FIG. 7A

REPLACEMENT SHEET

11/22

<u>G I A P S I D T G E S L M E N P L M N L</u>		<u>L Q V I P A R E D Y E N N V A Y G V R L</u>		Majority	
370	380				
325	325	G I N P S I D L G E S L V Q H P L L N L DC3000		385 L R V M P E R E D Y E N N V A Y G V R L DC3000	
353	353	G I A P S I D T G E S L M E N P L M N L T1 PT23		413 L Q V I P A R E D Y E N N V A Y G V R L T1	
353	353	G I A P S I D T G E S L M E N P L M N L JL1065		413 L Q V I P A R E D Y E N N V A Y G V R L PT23	
<u>S V A L H R A L G P R P A R A Q A P R P</u>		<u>L S L N P G A G V R E T V A A F V N N R</u>		Majority	
390	400				
345	345	N V A L N R M I G L R P S A E R A P R P DC3000		405 L N L N P G V G V R Q A V A A F V T D R DC3000	
373	373	S V A L H R A L G P R P A R A Q A P R P T1 PT23		433 L S L N P G A G V R E T V A A F V N N R T1	
373	373	S V A L H R A L G P R P A R A Q A P R P JL1065		433 L S L N P G A G V R E T V A A F V N N R PT23	
<u>A V P V A P A T V S R R P D S A R A T R</u>		<u>Y E R Q A V V A D I R A A L N - L S K Q</u>		Majority	
410	420				
365	365	A V P V A P A T A S R R P D G T R A T R DC3000		425 A E R P A V V A N I R A A L D P I A S Q DC3000	
393	393	A V P V A P A T V S R R P D S A R A T R T1 PT23		453 Y E R Q A V V A D I R A A L N - L S K Q T1	
393	393	A V P V A P A T V S R R P D S A R A T R JL1065		453 Y E R Q A V V A D I R A A L N - L S K Q PT23	

FIG. 7D

REPLACEMENT SHEET

17/22

Chimeric	Interaction with:	
	AvrPto	AvrPtoB
A	Yes	Yes
B	No	No
D	No	No
E	No	No
F	No	No
G	Yes	Yes
H	No	No

FIG. 10A

	Interaction with:	
	AvrPto	AvrPtoB
FPB	Yes	Yes
FPB2	Yes	Yes
FPB3	Yes	Yes
FPB4	Yes	Yes

FIG. 10B

	202	203	209	Interaction with:																
				AvrPto	AvrPtoB															
Pto	K	G	T	Y	I	P	E	Y	F	R	G	R	—	—	Yes	Yes				
Fen	R	G	M	G	Y	I	A	P	E	Y	S	L	W	G	Q	—	—	No	No	
FPB3	K	G	T	L	G	Y	I	D	P	E	Y	F	I	K	G	R	—	—	Yes	Yes
FPB4	K	G	T	L	G	Y	I	D	P	E	Y	R	E	W	G	Q	—	—	Yes	Yes
FPB3(K202R)	R	G	T	L	G	Y	I	D	P	E	Y	F	I	K	G	R	—	—	Yes	Yes
FPB3(T204N)	R	G	N	L	G	Y	I	D	P	E	Y	F	I	K	G	R	—	—	No	No
FPB3(L205I)	R	G	T	L	G	Y	I	D	P	E	Y	S	I	K	G	R	—	—	Yes	Yes
FPB3(D209A)	R	G	T	L	G	Y	I	D	P	E	Y	F	I	K	G	R	—	—	Yes	Yes
P(T204N)	R	G	T	L	G	Y	I	D	P	E	Y	F	I	K	G	R	—	—	No	No
P(L205I)	R	G	T	L	G	Y	I	D	P	E	Y	F	I	K	G	R	—	—	Yes	Yes
F(N204T, I205L)	R	G	T	L	G	Y	I	A	P	E	Y	S	V	A	W	G	—	—	Yes	Yes
F(N204T)	R	G	T	L	G	Y	I	A	P	E	Y	A	W	G	Q	—	—	Yes	Yes	
F(I205L)	R	G	T	L	G	Y	I	A	P	E	Y	A	W	G	Q	—	—	No	No	

FIG. 10C